<u>Claims</u>

What is claimed is:

1. A method for managing a file system comprising:

    providing transaction program means arranged
    for a cooperation with said file system, said
    transaction program means implementing
    transactional functionality to changes of said
    file system.

2. The method according to claim 1 in which said
transaction program means implements a commit and/or
rollback facility.

3. The method according to claim 1 in which said
transaction program means is arranged for communicating with
said file system via a protocol directed to cover changes
made to said file system.

4. The method according to claim 3 in which said
protocol is XDSM or is derivable from XDSM, or comprises
XDSM-equivalent functions.

5. A method for managing a file system comprising using transaction program means according to claim 4 implemented for a cooperation with said file system.

6. A computer system being able to access a file system which is manageable by transaction program means according to a method of claim 4.

7. A computer program for execution in a data processing system comprising computer program code portions for performing the steps of the method of claim 4.

8. A computer program product stored on a computer usable medium comprising computer readable program means for causing a computer to perform the method of claim 4.

9. The method according to claim 1 in which said transaction program means is implemented as a stacked file system.

10. The method according to claim 1 in which said transaction program means is implemented in the file system itself.

11. The method according to claim 1 in which said transaction program means processes commands issued by transaction manager means arranged for cooperating with a database management system.

DE919990096

16

12.   A method for managing a file system comprising using transaction program means according to claim 1 implemented for a cooperation with said file system.

13. A computer system being able to access a file
system which is manageable by transaction program means
according to a method of managing a file system comprising:

5

 providing transaction program means arranged
 for a cooperation with said file system, said
 transaction program means implementing
 transactional functionality to changes of said
 file system.

14. A computer program for execution in a data processing system comprising computer program code portions for performing the steps of providing transaction program means arranged for a cooperation with said file system, said
5   transaction program means implementing transactional functionality to changes of said file system.

15. A computer program product stored on a computer usable medium comprising computer readable program means for causing a computer to perform the method of managing a file system comprising:

5   providing transaction program means arranged for a cooperation with said file system, said transaction program means implementing transactional functionality to changes of said file system.

10   *   *   *   *   *